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REV.
A

AS3549™

FEDERAL SUPPLY CLASS
5310

RATIONALE

FIGURE REDRAWN AND TOLERANCE ADDED FOR DIMENSION R, TABLE RETYPED WITH PREFERRED THICKNESS DELETED, NOTES UPDATED WHERE REQUIRED. NEW NOTE REGARDING USAGE OF EXISTING STOCK ADDED. AMS2700 METHOD 2 ADDED.

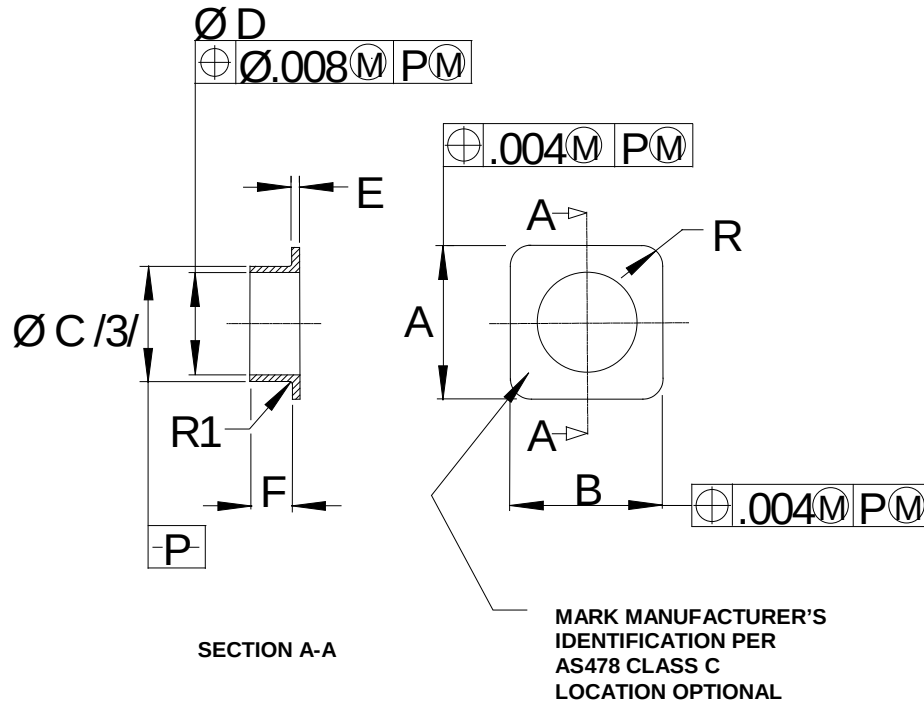
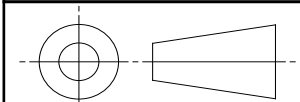


FIGURE 1

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3549A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS3550, SEE NOTE 3



AEROSPACE STANDARD

(R) SLEEVE,
REMOVABLE SELF-LOCKING NUT,
UNS S30403

AS3549™
SHEET 1 OF 2

REV.
A

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TABLE 1

PART NUMBER	A ±.002	B ±.002	C +.000 -.001	D ±.002	E ±.006	F ±.004	R ±.010	R1 MAX	APPROX MASS LB/100
AS3549-01	.388	.388	.287	.242	.023	.073	.039	.004	.10
AS3549-02	.388	.388	.287	.242	.023	.096	.039	.004	.12
AS3549-03	.388	.388	.287	.242	.023	.135	.039	.004	.14
AS3549-04	.388	.388	.287	.242	.023	.175	.039	.004	.16
AS3549-05	.456	.456	.350	.293	.027	.076	.047	.004	.17
AS3549-06	.456	.456	.350	.293	.027	.100	.047	.004	.18
AS3549-07	.456	.456	.350	.293	.027	.139	.047	.004	.21
AS3549-08	.456	.456	.350	.293	.027	.179	.047	.004	.24
AS3549-09	.559	.559	.429	.366	.032	.080	.047	.004	.27
AS3549-10	.559	.559	.429	.366	.032	.104	.047	.004	.29
AS3549-11	.559	.559	.429	.366	.032	.143	.047	.004	.33
AS3549-12	.559	.559	.429	.366	.032	.183	.047	.004	.38
AS3549-13	.633	.633	.507	.444	.032	.080	.059	.004	.32
AS3549-14	.633	.633	.507	.444	.032	.104	.059	.004	.35
AS3549-15	.633	.633	.507	.444	.032	.143	.059	.004	.40
AS3549-16	.633	.633	.507	.444	.032	.183	.059	.004	.45

NOTES:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS5647 OR AMS5511, SOLUTION HEAT TREATED.
2. FINISH: PASSIVATE PER AMS2700 METHOD 1 TYPE 2 OR 8, OR AMS2700 METHOD 2.
3. PROCUREMENT SPECIFICATION: FOR COMPLETE NUT ASSEMBLY, SEE AS3550. FLARING TEST: FLARE SHANK DIAMETER C TO 130% OF ITS MAXIMUM DIAMETER, USING AN EXPANDING PUNCH WITH A 90 DEGREE INCLUDED ANGLE CONICAL TIP. THE FLARED SHANK SHALL BE CRACK FREE AFTER TESTING.
4. HARDNESS: 21 HRC MAX
5. REMOVE BURRS AND SHARP EDGES.
6. SURFACE TEXTURE: REQUIREMENTS PER ASME B46.1, SYMBOLS PER ASME Y14.36M. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
7. DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982. (ASME PUBLICATION)
8. DIMENSIONS ARE IN INCHES.
9. DO NOT USE UNASSIGNED PART NUMBERS.
10. MARK AEROSPACE STANDARD IDENTIFICATION NUMBER ON PACKAGE.
11. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
12. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

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	AEROSPACE STANDARD	AS3549™ SHEET 2 OF 2 	REV. A
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